

FIG. 1

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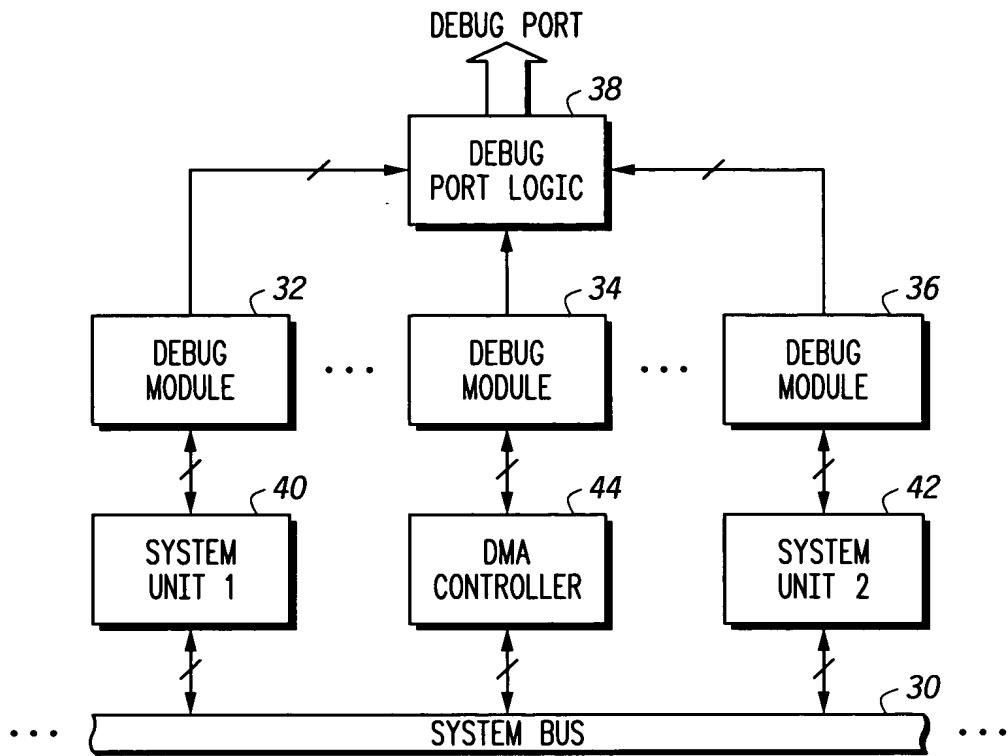


FIG. 2

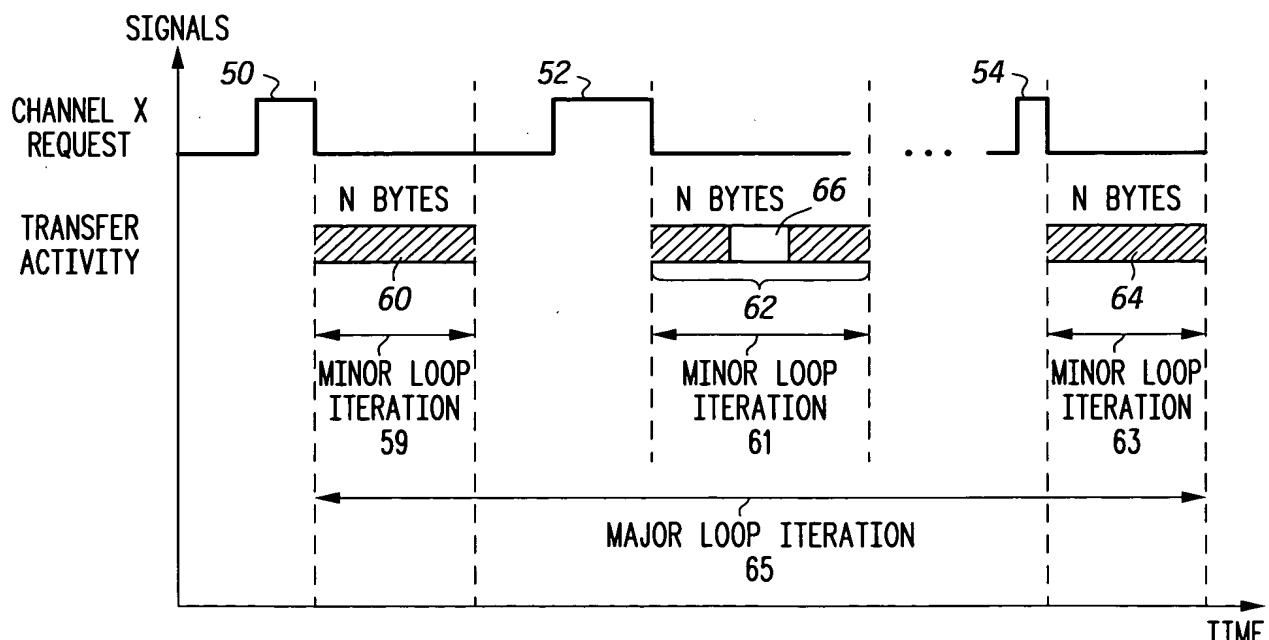


FIG. 3

(8-64 BITS)	(8-64 BITS)	(1-8 BITS)	(4-8 BITS)	(6 BITS)
TRANSFER SERVICE LATENCY (OPTIONAL)	TRANSFER COUNT (OPTIONAL)	CHANNEL STATUS	CHANNEL ID.	TCODE (11011)

FIG. 4

(8-64 BITS)	(8-64 BITS)	(1-8 BITS)	(4-8 BITS)	(6 BITS)
TRANSFER SERVICE LATENCY (OPTIONAL)	TRANSFER COUNT (OPTIONAL)	CHANNEL STATUS	CHANNEL ID.	TCODE (111000)

FIG. 5

(8-64 BITS)	(8-64 BITS)	(1-8 BITS)	(4-8 BITS)	(6 BITS)
ITERATION INTERVAL (OPTIONAL)	ITERATION COUNT (OPTIONAL)	CHANNEL STATUS	CHANNEL ID.	TCODE (111001)

FIG. 6

(8-64 BITS)	(8-64 BITS)	(1-8 BITS)	(4-8 BITS)	(6 BITS)
TRANSFER INTERVAL (OPTIONAL)	TRANSFER COUNT (OPTIONAL)	CHANNEL STATUS	CHANNEL ID.	TCODE (111010)

FIG. 7

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(8-64 BITS)	(1-8 BITS)	(4-8 BITS)	(6 BITS)
CURRENT TRANSFER COUNT (OPTIONAL)	CHANNEL STATUS	CHANNEL ID.	TCODE (111011)

FIG. 8

DMA CH0 CONTROL									
SOTME	SIME	EIME	EOTME	SOTWTE	SIWTE	EIWTE	EOTWTE	PSME	
8	7	6	5	4	3	2	1	0	

} 70

SOTME - START OF TRANSFER MESSAGE ENABLE (CH_x)

0 = START OF TRANSFER MESSAGING IS DISABLED

1 = START OF TRANSFER MESSAGING IS ENABLED

SIME - START OF ITERATION MESSAGE ENABLE (CH_x)

0 = START OF ITERATION MESSAGING IS DISABLED

1 = START OF ITERATION MESSAGING IS ENABLED

EIME - END OF ITERATION MESSAGE ENABLE (CH_x)

0 = END OF ITERATION MESSAGING IS DISABLED

1 = END OF ITERATION MESSAGING IS ENABLED

EOTME - END OF TRANSFER MESSAGE ENABLE (CH_x)

0 = END OF TRANSFER MESSAGING IS DISABLED

1 = END OF TRANSFER MESSAGING IS ENABLED

SOTWTE - START OF TRANSFER WATCHPOINT TRIGGER ENABLE (CH_x)

0 = START OF TRANSFER WATCHPOINT TRIGGERING IS DISABLED

1 = START OF TRANSFER WATCHPOINT TRIGGERING IS ENABLED

SIWTE - START OF ITERATION WATCHPOINT TRIGGER ENABLE (CH_x)

0 = START OF ITERATION WATCHPOINT TRIGGERING IS DISABLED

1 = START OF ITERATION WATCHPOINT TRIGGERING IS ENABLED

EIWTE - END OF ITERATION WATCHPOINT TRIGGERING ENABLE (CH_x)

0 = END OF ITERATION WATCHPOINT TRIGGERING IS DISABLED

1 = END OF ITERATION WATCHPOINT TRIGGERING IS ENABLED

EOTWTE - END OF TRANSFER WATCHPOINT TRIGGERING ENABLE (CH_x)

0 = END OF TRANSFER WATCHPOINT TRIGGERING IS DISABLED

1 = END OF TRANSFER WATCHPOINT TRIGGERING IS ENABLED

PSME - PERIODIC STATUS MESSAGE ENABLE (CH_x)

0 = PERIODIC STATUS MESSAGING IS DISABLED

1 = PERIODIC STATUS MESSAGING IS ENABLED

FIG. 9

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CH0 PERIODIC CONTROL	CH1 PERIODIC CONTROL	CH2 PERIODIC CONTROL	CH3 PERIODIC CONTROL
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31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

CH0 PERIOD CONTROL

CONTROLS THE RATE OF CH0 PERIODIC STATUS MESSAGES

CH1 PERIOD CONTROL

CONTROLS THE RATE OF CH1 PERIODIC STATUS MESSAGES

CH2 PERIOD CONTROL

CONTROLS THE RATE OF CH2 PERIODIC STATUS MESSAGES

CH3 PERIOD CONTROL

CONTROLS THE RATE OF CH3 PERIODIC STATUS MESSAGES

FIG. 10